INSTALLATION INSTRUCTIONS POLIMERO MACHINERY

Upon receipt of the installation, check this for visible damage. If there is any damage, report this immediately to the freight forwarder and to your dealer. Open the packaging carefully and save this until the installation is completely built up.

Visually inspect the installation again if the parts are damaged.

Place the wash-out unit on the dryer/exposure unit **(TR units only)**, being sure that this is done properly and exact. Level the installation by means of the adjustable machine leg located on the left rear leg.

The standard POLIMERO equipment is 220V, 50 cycles single phase. Qn request: 220V, 60Hz.

The installations may be wired using a plug and / or wired into an approved junction box.

BLUE WIRE = NEUTRAL
YELLOW / GREEN = GROUND
BROWN = HOT

Basic amperage required:

A4 = 20 Amps. (CP)
A3 = 25 Amps. (CP)
A2 = 35 Amps. (CP)
A1 = 35 Amps. (wash/dry)
AO = 35 Amps. (exp.)

Inside the wash tank, remove the loose drain valve from the installation. Thread drain valve onto threaded connection located outside and in rear of the wash tank.

Three pipes are in the right rear side of the wash tank:
Lowest = drain (outlet)
Middle = overflow
Top = fill
(A4 TR - A3 TR)

From A2 the water fill is on the left side.

The drain valve has a clear plastic hose that has to be attached to the overflow pipe. The water tank can be filled by attaching a water hose to the inlet pipe or by pouring of filling directly into the tank.

CAUTION: DO NOT POUR WATER DIRECTLY ON THE BRUSH!

WATER LEVEL

when using the brush type system the water level should be 2 cm above the brushes.

ADJUSTMENT QF BRUSHES

The brushes are in the right position when they touch the wash-out plate slightly over the whole surface. Avoid too much brush pressure as this leads to plate distortion. Before using a new Polimero or a new brush, we recommend to tape first waterproof (fine) sandpaper type to the wash-out plate. By operating the machines for approx. 30 - 45 min., the brushes are polished and burr free.

Cleaning the brushes is required periodically and is accomplished by removing the top set of locking nuts, remove the brushes for cleaning (use hand warm water) and then replace and tighten the lock nuts again. If the bottom set of nuts were not touched and the brush is mounted in the same position, it is not necessary to re-adjust your brush.

Open the exposure unit and remove the steel roll and the vacuum foil from the dryer. Unroll the vacuum foil and place this on the right position on the vacuum table and start the vacuum pump. Remove the protection foil from the double adhesive tape and stick the vacuum foil on the pack-part of the vacuum table.

Remove the back panel, held in its place by screws. Remove any packing material inside the installation. Remove the package from the TL-tubes carefully. Place the tubes into their holders being sure that they are locked into the right position. Handle the tubes with care and wipe down to remove finger prints.

THERMAL PROTECTIONS

DRYER

The thermal protection can be found on the dryer, when removing the back panel the thermal protection is visible and is always standard switched on. To reset press the red button. There are two reasons why the thermal protection is popping 'out';

a) Overheating; this is caused by a closed air supply.
b) Because of a breakdown of the fan or when it has a bad cable connection.

WASHER

The thermal protection for the types A4 and A3 can be found on the bottom of the wash-out unit. Unscrew the bottom plate and reset the red switch of the protector. The thermal protection is popping 'out' when there is no or too little water in the wash tank. After resetting re-mount the bottom plate.

The types A2, A1 and AO have level switches as protection.

The Polimero A5 equipment has an automatic thermal protection which resets automatically.

Pay attention to, that when the cause of an interruption is not solved after cooling down the thermal protection is switched on automatically again (e.g. when there is no or too little water in the wash tank).

Never switch on the equipment when there is no water in the wash tank.

If the plate holder does not move: STOP THE MACHINE. Remove the top and check the set screws on the shaft and gears for tightness.

The water temperature controller should be set at 31 - 35' C (B8 - 95 F).

The drying temperature should be set at 60' C or 70' C (170 F) for Miraclon and 90' C (194 F) for Rigilon (see your Miraclon manual).

When the red light on the temperature controller is on, it indicates that the adjusted temperature has not been reached.

When the red light is out, it indicates that the adjusted temperature has been reached.

The wash-out unit is now operational.

Please make sure the installation and the work area are clean constantly. This is a must for consistent, trouble free plate making.

Please verify the serial number with the packing list. The installations and the spare parts are monitored by a serial number.

Please note that after use, the lid of the wash-out unit must be left open in order to prevent any damages to the brush, wash-out plate, greenmat and the magnetic foil.